

What questions do schools ask to understand student achievement? (Grades 3-8)

What's the question?	Which ARIS report would be used (1-5)?	What actions might educators be led to take based on this information?
<i>How did our school do on the state tests last year?</i>	2	<i>To set content area priorities (Math, ELA, science, Social Studies) for the whole school to focus on</i>
The fifth grade team wants to know how only their students did on each of the standards on the NYS Math exam.	2	
An AP remarks, "State exams scores give us a picture of what the students did last year, but I want to know how each grade is doing on periodic assessments, like Acuity."		
A seventh grade team notes that the Math scores of their students lag behind their ELA scores. They want to know what specific skill(s) needs to be focused on.		
A guidance counselor wants to examine a cohort's attendance over the past three years.		
A school's population is about one-third ELLs. They have noticed these students struggling in class and want to know, 'How do the ELLs' scores compare to non-ELLs on the NYS ELA exam?'"		
Since the last NYS ELA exam, a school has implemented some new strategies for better meeting the academic needs of their ELL population. They want to know how much progress their ELLs have made over time to see if their growth accelerated due to the new strategies.		

ARIS Reports Reference Sheet

Report 1: Comparing Populations. Comparing Populations is a bar chart that displays the performance of student populations on one assessment measure at one or more times throughout a single year or across multiple years. You can use it to see areas of strength and weakness among student populations and how student performance on an assessment has changed over time.

Questions you can answer with Report 1 include:

- Which teachers in my school have students performing the strongest on the state ELA exams?
- Which school in my network has students performing the worst on the Regents exams for Mathematics?
- On the most recent predictive assessments, did any performance trends emerge based on race, gender, or other student attributes?

Report 2: Comparing Measures. Comparing Measures is a bar chart that displays the performance of one specific student population on multiple assessment measures at one or more times throughout a single year or over multiple years. You can use it to see how these specific students have performed on the selected assessment measures over time, allowing you to determine instructional areas of strength and need.

Questions you can answer with Report 2 include:

- Based on state Math scores, what standards require the most intervention?
- In my school, which Regents exams have the highest passing rate?
- On which subject areas do students consistently perform well or poorly?

Report 3: Comparing Populations/Measures. Report 3: Comparing Populations/Measures combines the data available in Report 1 and Report 2 and displays this information in a table. You can use it to see problem areas for a group of students as measured by one or more assessments or to track change over time for various populations and assessment measures.

Questions you can answer with Report 3 include:

- How do three different schools compare in terms of performance on each of the Regents assessments?
- Which fifth grade classes are most in need of intervention based on performance across all of the 3-8 NYS assessments?

Report 4: Comparing Growth. Comparing Growth is a line chart that displays the performance of student populations on a single assessment measure across multiple assessment periods in a single year or across multiple years. You can use it to identify trends of strength or weakness, or to see how student performance has changed over time.

Questions you can answer with Report 4 include:

- Which of my schools are consistently demonstrating improvement on the NYS exams for Mathematics?

Report 5: Measure/Time Correlation. Measure/Time Correlation is a bar chart that displays the performance of one student population on a single measure at one time and compares it to a second measure and/or time. You can use it to observe how student performance has changed over time, or to correlate achievement on one measure to that of a second measure.

Questions you can answer with Report 5 include:

- Is there a relationship between attendance rate and test scores?
- Has student performance improved or declined over time?

QuickStart Reports. QuickStart Reports allow you to view student information without the complexity of building a custom report. QuickStart Reports are available for all five of the ARIS Reports described above.